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Communications, Computers and signal Processing, 2001. PACRIM. 2001 IEEE Pacific Rim Conference on , Volume: 2 , 26-28 Aug. 2001  
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*Vyzovitis, D.; Clark, K.L.;*  
Autonomous Decentralized Systems, 2001. Proceedings. 5th International Symposium on , 26-28 March 2001  
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*Ip, M.T.W.; Lin, W.W.K.; Wong, A.K.Y.; Dillon, T.S.; Dianhui Wang;*  
Object-Oriented Real-Time Distributed Computing, 2001. ISORC - 2001. Proceedings. Fourth IEEE International Symposium on , 2-4 May 2001  
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**50 Software architectures for collaborative proxies in wide area information systems**

*Brunie, L.; Coquill, D.; Simon, S.;*

Database and Expert Systems Applications, 2001. Proceedings. 12th International Workshop on , 3-7 Sept. 2001

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*Hamadi, Y.;*

Tools with Artificial Intelligence, Proceedings of the 13th International Conference , 7-9 Nov. 2001

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**52 Collaborative environment for supporting Web users**

*Aoki, Y.;*

Systems, Man, and Cybernetics, 2001 IEEE International Conference on , Vol 4 , 7-10 Oct. 2001

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**53 The next software revolution**

*Talukdar, S.;*

Power Engineering Society Summer Meeting, 1999. IEEE , Volume: 2 , 18-22 1999

Pages:843 - 845 vol.2

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*Burstein, M.H.; Muivehill, A.M.; Deutsch, S.;*

System Sciences, 1999. HICSS-32. Proceedings of the 32nd Annual Hawaii International Conference on , Volume: Track8 , 5-8 Jan. 1999

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**55 A CORBA framework for QoS-guaranteed multicast service in wireless ATM networks**

*Longsong Lin; Lih-Chyau Wuu; Chun-Yeh Tsai; Yao-Te Huang; Ruel-Yau Liu; Communications, 1999. ICC '99. 1999 IEEE International Conference on , Vol 1 , 6-10 June 1999*

Pages:630 - 635 vol.1

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**56 Individual and collaborative behaviors in a team of homogeneous robotic soccer agents**  
*Veloso, M.; Stone, P.;*  
Multi Agent Systems, 1998. Proceedings. International Conference on , 3-7 Ju  
1998  
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**57 A high level visual notation for understanding and designing collaborative, adaptive behaviour in multiagent systems**  
*Buhr, R.J.A.; Elammari, M.; Gray, T.; Mankovski, S.;*  
System Sciences, 1998., Proceedings of the Thirty-First Hawaii International  
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## **KODAMA: as a distributed multi-agent system**

Guoqiang Zhong [Takahashi, K.](#) [Helmy, T.](#) [Takaki, K.](#) [Mine, T.](#) [Kusakabe, S.](#) Ama Graduate Sch. of Inf. Sci. & Electr. Eng., Kyushu Univ., Fukuoka, Japan;  
*This paper appears in: Parallel and Distributed Systems: Workshops, Se International Conference on, 2000*

Meeting Date: 07/04/2000 - 07/07/2000

Publication Date: 4-7 July 2000

Location: Iwate Japan

On page(s): 435 - 440

Reference Cited: 8

Number of Pages: xiii+563

Inspec Accession Number: 6763150

**Abstract:**

With the explosion of the Internet, we are evolving a worldwide network computing environment. At this point, the surged challenge is the next evolutionary technology for the Internet-oriented applications. A KODAMA (Kyushu university Open and Autonomous Multi-Agent) system is deployed for this demand. KODAMA system interconnect disparate and distributed agents together to solve some problems. The solution is typically beyond any singular agent's capabilities. The key aspects of agents are their autonomy, collaboration, flexibility, as well as stability. To obtain these features, an appropriate scheme of collaboration among agents is clearly defined. Our new approach focuses on both raising the level of abstraction at which agents cooperate with each other, and hiding the implementation details of communication from agents.

**Index Terms:**

Internet [multi-agent systems](#) [object-oriented programming](#) [open systems](#) [Internet oriented applications](#) [KODAMA agents](#) [KODAMA system](#) [Kyushu university Open and Autonomous Multi-Agent](#) [abstraction](#) [agent collaboration](#) [distributed agents](#) [distributed agent system](#) [evolutionary technology](#) [worldwide network computing environment](#)

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**The next software revolution**

Talukdar, S.

Carnegie Mellon Univ., Pittsburgh, PA, USA;

*This paper appears in: Power Engineering Society Summer Meeting, 1999*

Meeting Date: 07/18/1999 - 07/22/1999

Publication Date: 18-22 July 1999

Location: Edmonton, Alta. Canada

On page(s): 843 - 845 vol.2

Volume: 2

Reference Cited: 0

Number of Pages: 2 vol. (xxiv+1373)

Inspec Accession Number: 6440595

**Abstract:**

We are on the threshold of another revolution in software technology. Previous revolutions have made it dramatically easier for people to write, distribute, use software. This revolution will provide software agents with the ability to do things for themselves. More specifically, it will provide the means for making software a true autonomous (so that burdensome managerial superstructures become unnecessary) and collaborative (so agents can work together in large groups on big and difficult

**Index Terms:**

[software agents](#) [software reusability](#) [autonomous software agents](#) [collaborative software](#)  
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